



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Friday, July 27, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.

Today

- **An enhanced risk of severe thunderstorms today over the TX/OK Panhandles; slight risk extends further into the Panhandles and NW OK; damaging winds are the main threat.**
- **Heavy rain/isolated flooding possible over portions of NM, the Panhandles into Central OK.**

Saturday - Sunday

- **Heavy rain/isolated flooding possible over N & NE OK on Saturday, shifting south into the Panhandles and S OK on Sunday.**
- **A few strong storms possible across mostly OK and the Panhandles each day.**

Monday-Tuesday

- **Heavy rain/isolated flash flooding possible in E OK and AR on Monday.**

Tropical Outlook

- **No new tropical cyclones are expected during the next five days.**

FEMA Region 6 Threat Matrix

July 27, 2018 – July 31, 2018



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DAY / THREAT	FRI	SAT	SUN	MON	TUE
Severe Storms	OK/TX Panhandles	NE NM TX Panhandle & OK	NE NM TX Panhandle & OK		
	Panhandles, NW OK				
Heavy Rain / Flash Flooding	NM, Panhandles, W & Central OK	NE NM TX Panhandle	TX Panhandle & OK	E OK, AR	
		OK			
Excessive Heat					
Fire Weather					
Tropical Weather					

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

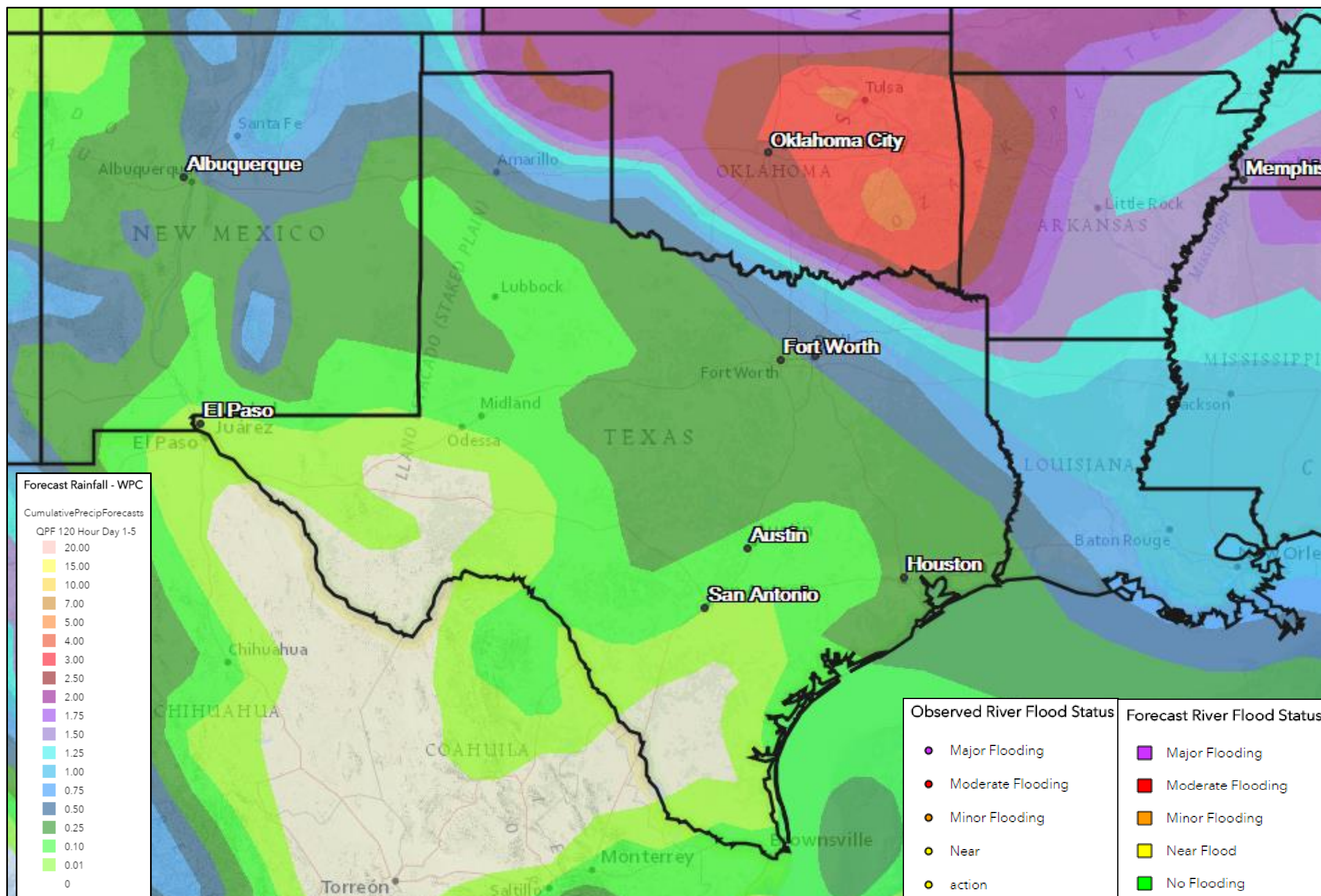
**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

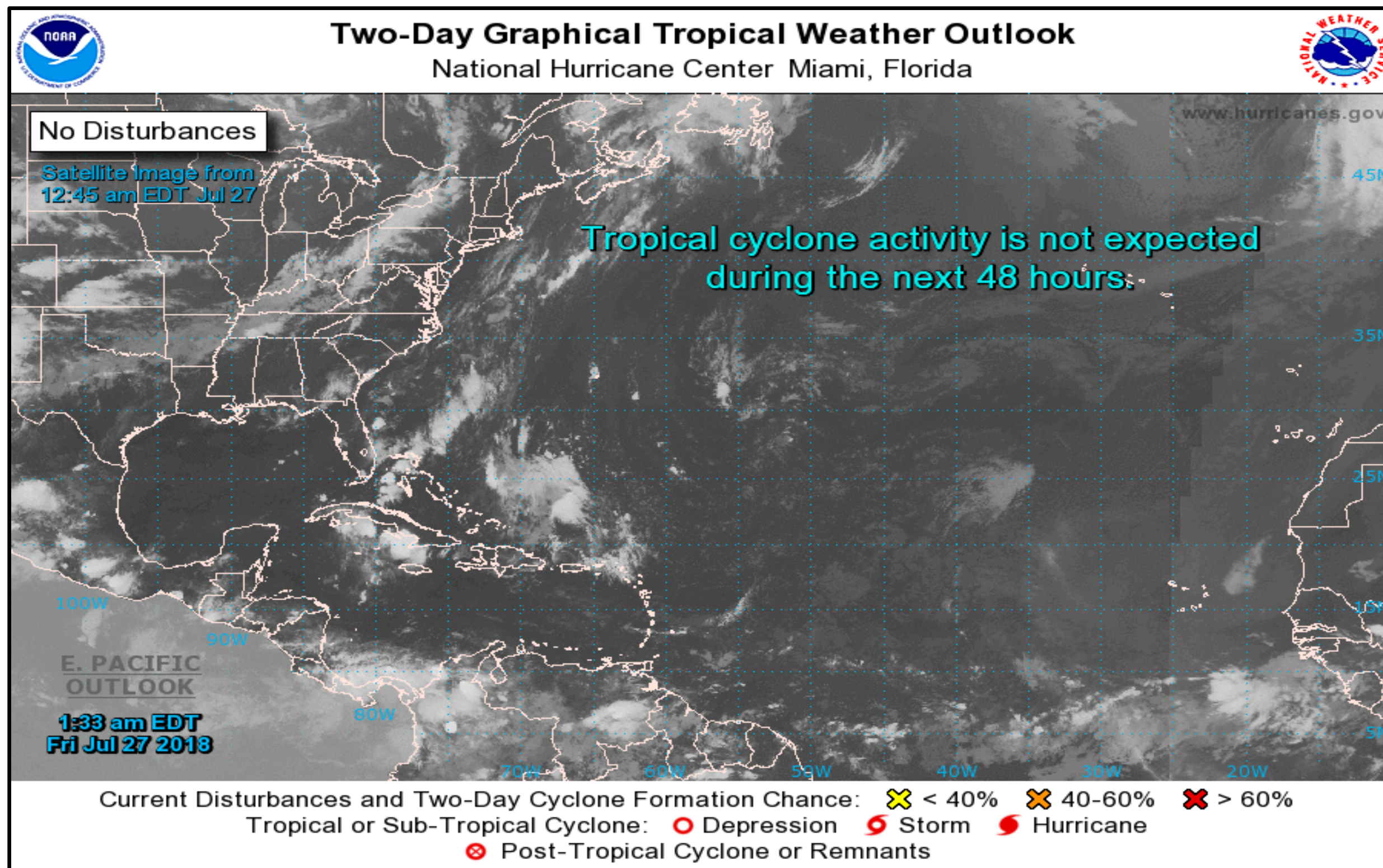


No river flooding is observed or forecast.

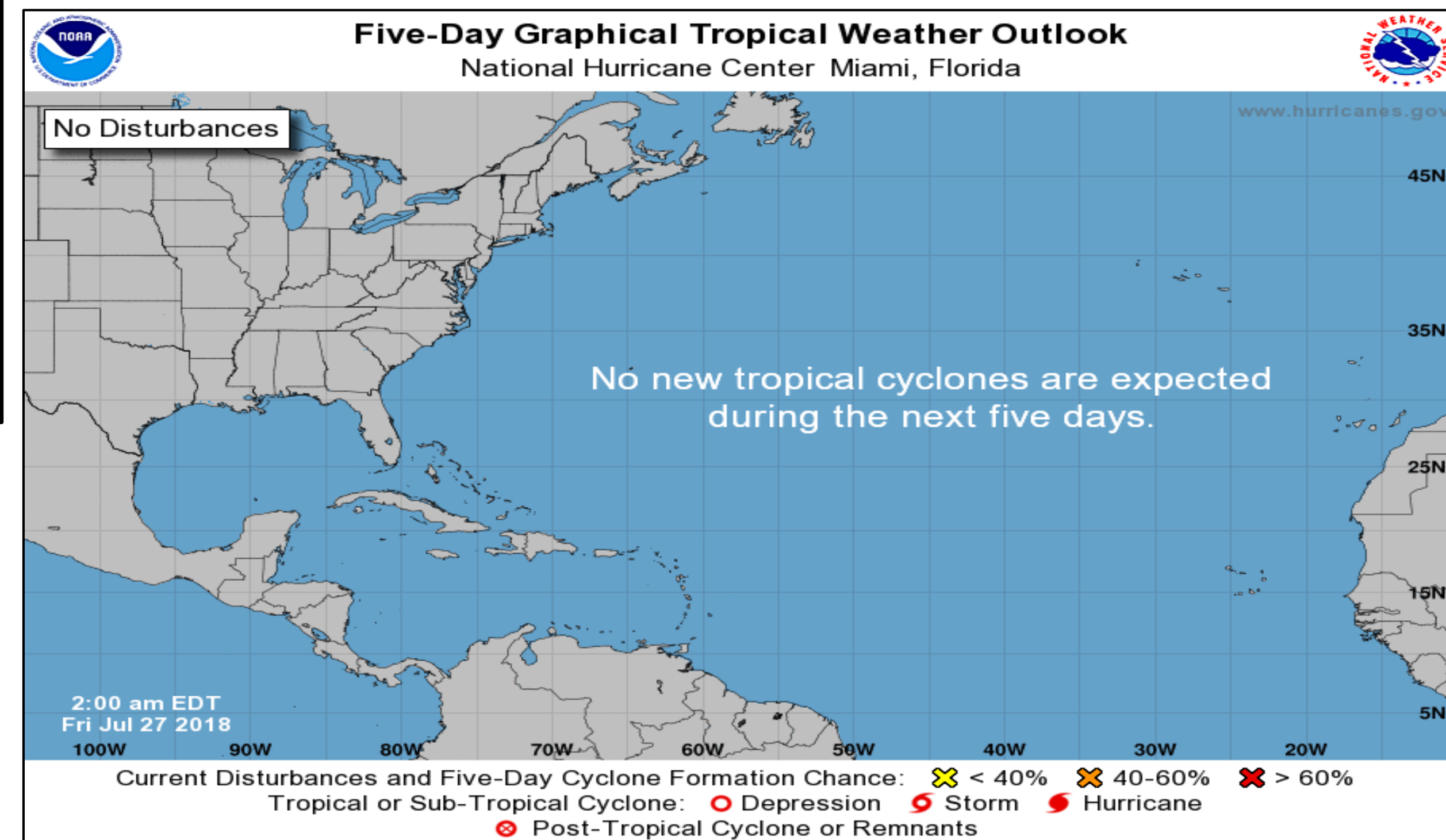
Tropical Weather Outlook – Atlantic/Gulf



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No new tropical cyclones are expected during the next five days.

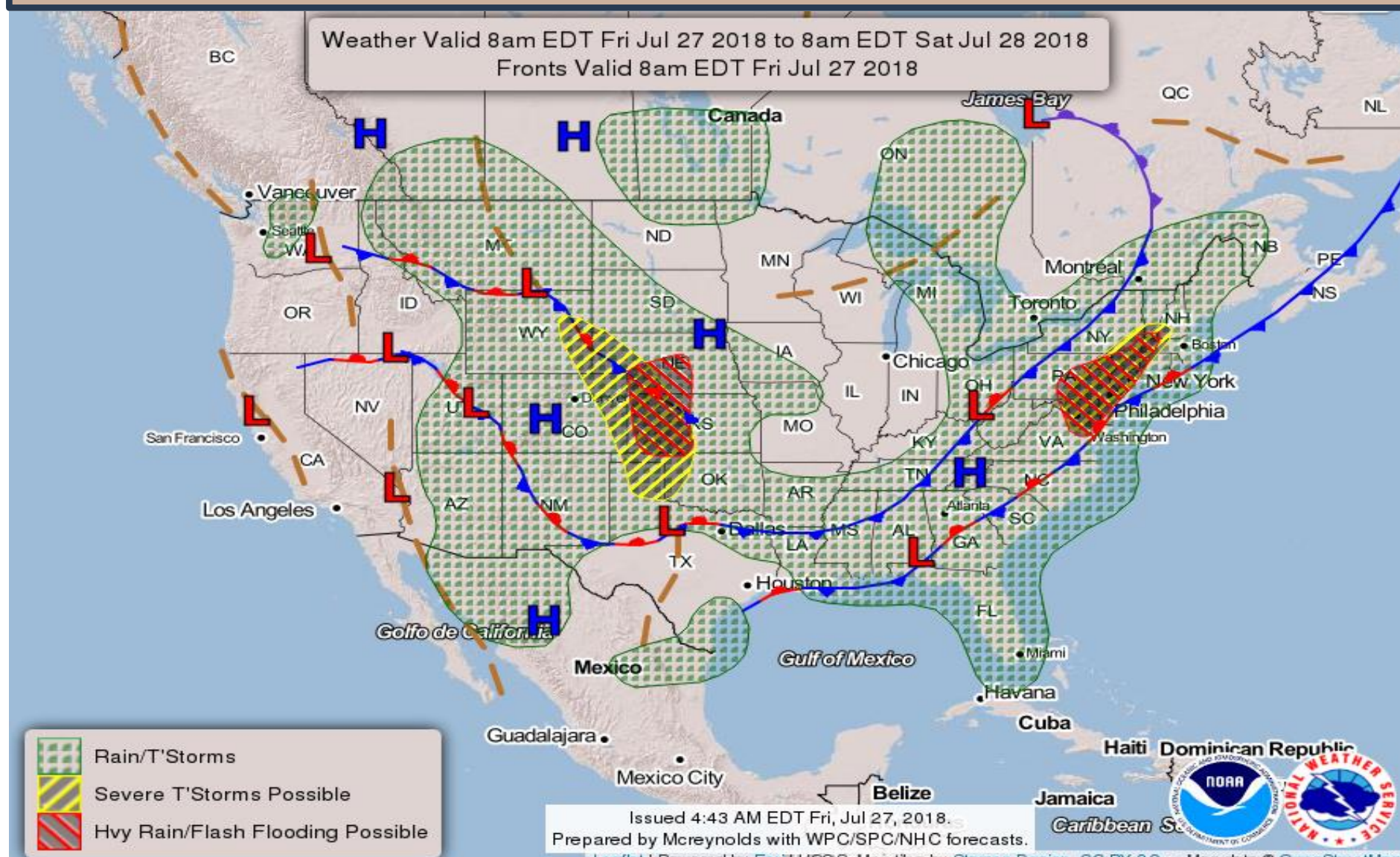


Today's Weather

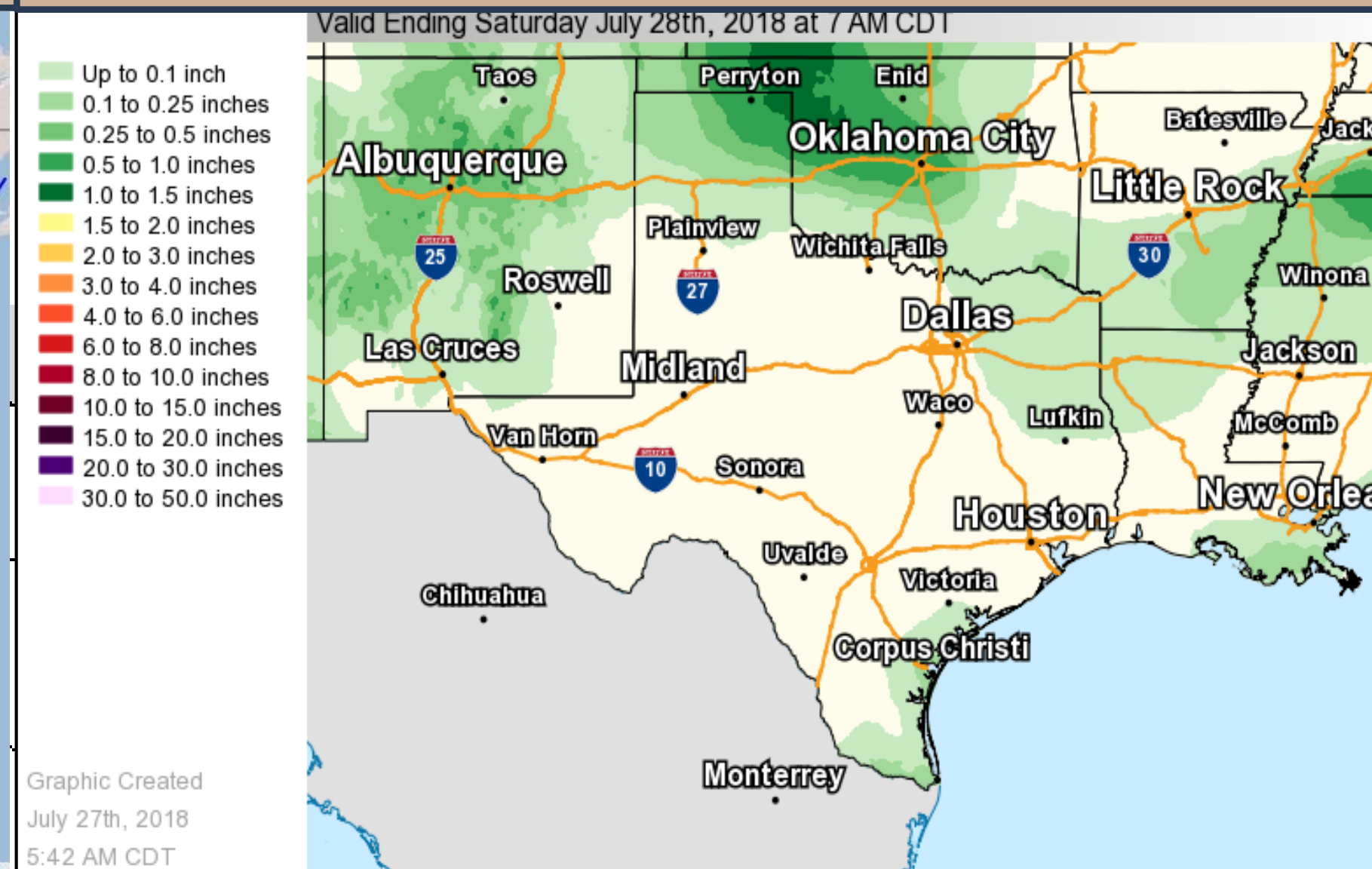


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Forecast Chart



Forecast Rainfall

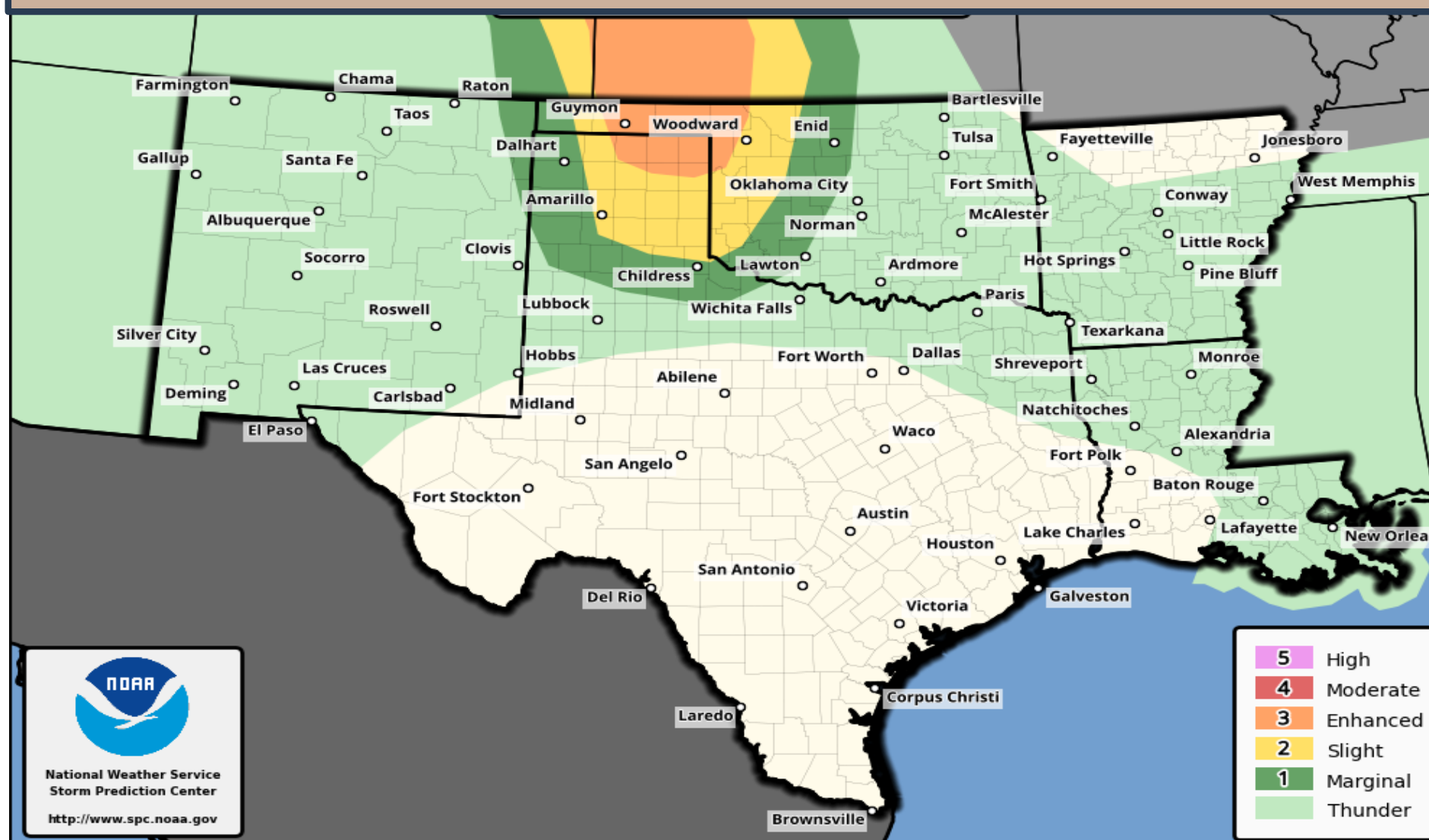


Isolated heavy rain/flash flooding possible over NM and into the Panhandles and Central OK.

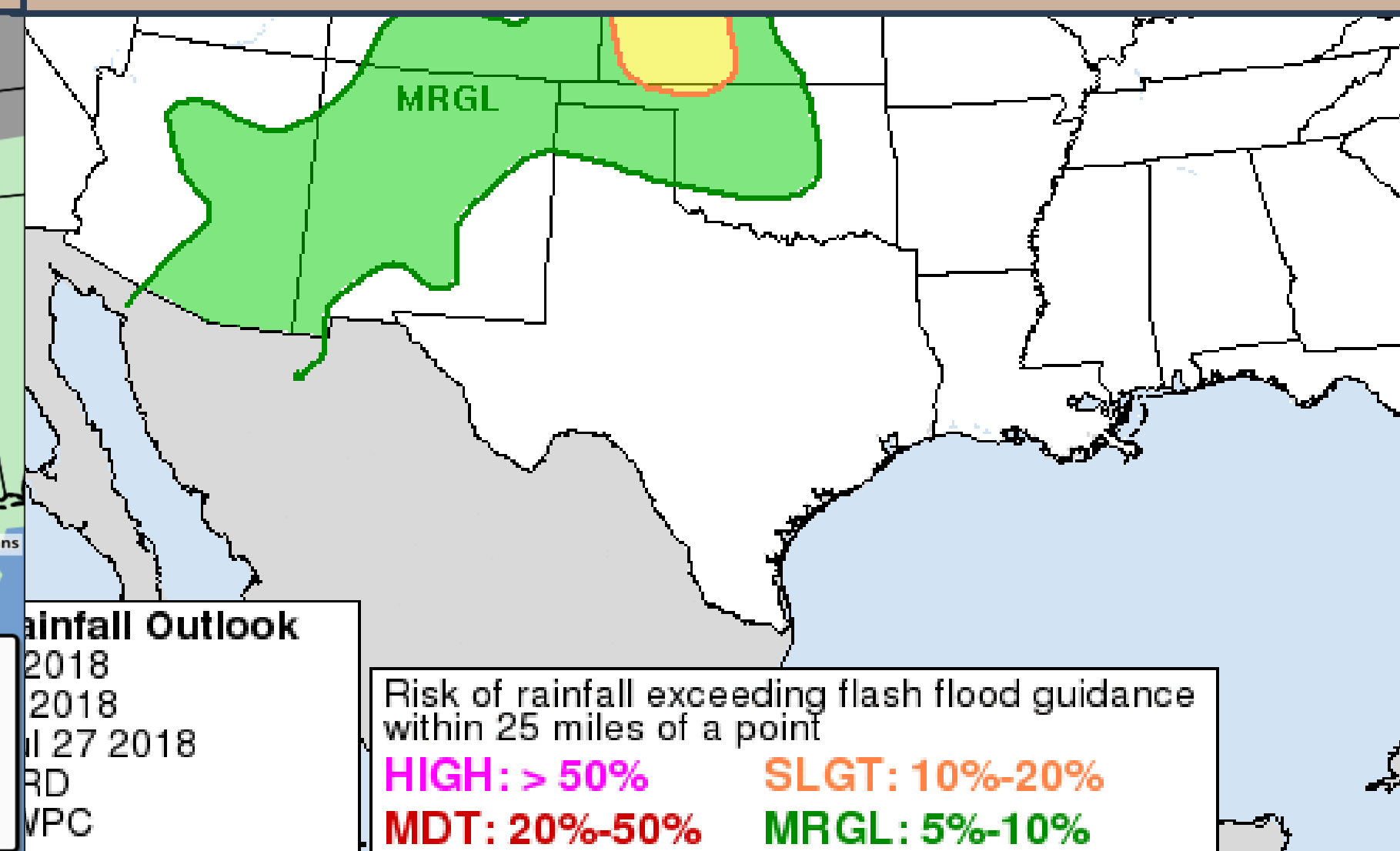
Enhanced risk for severe thunderstorms over the TX/OK Panhandles; main threat is damaging winds.

Slight risk of severe storms extends into the rest of the OK/TX Panhandles and NW OK; main threat is damaging winds.

Severe Weather Outlook



Excessive Rainfall Outlook



Tomorrow's Weather



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Forecast Chart

Forecast Rainfall

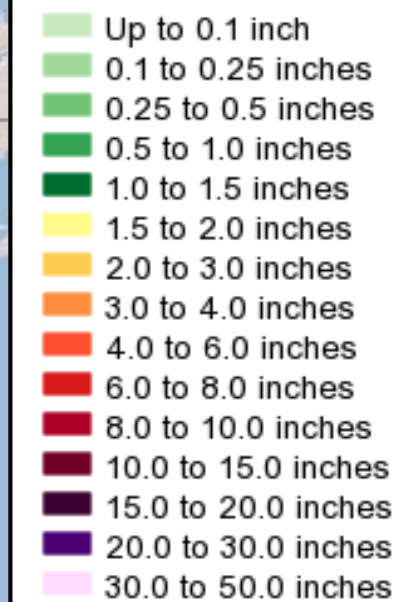
**Isolated heavy rain/flash
flooding over NE NM**

and N & NE OK.

**Isolated strong to severe
storms over NE NM, the
TX Panhandle and OK;
damaging winds are the
main threat.**

Severe Weather Outlook

Excessive Rainfall Outlook



Graphic Created
July 27th, 2018
5:43 AM CDT

Rainfall Outlook
2018
2018
Jul 27 2018
N
WPC

Risk of rainfall exceeding flash flood guidance
within 25 miles of a point

HIGH: > 50% **SLGT: 10%-20%**
MDT: 20%-50% **MRGL: 5%-10%**

Sunday's Weather

Forecast Chart

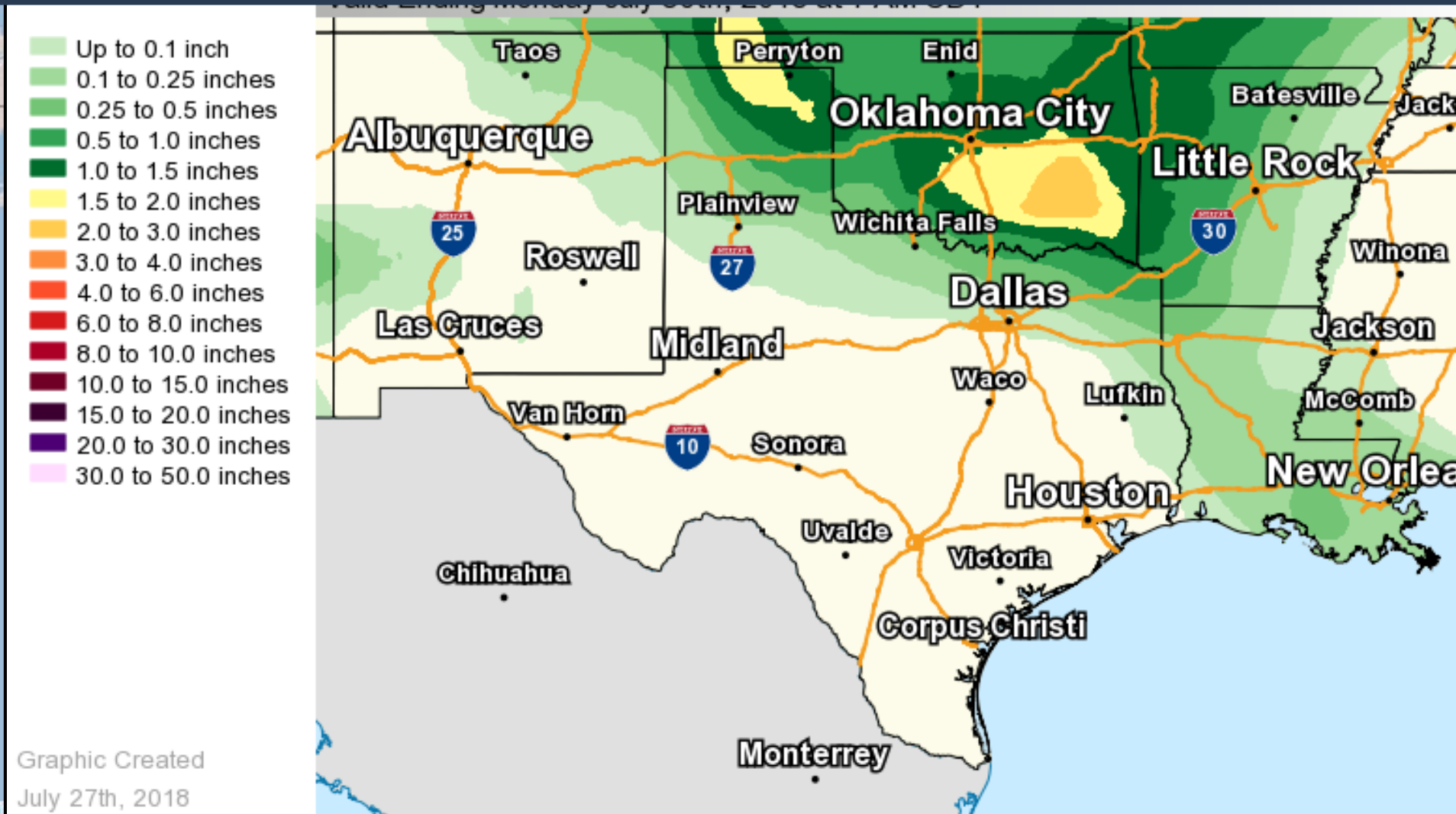
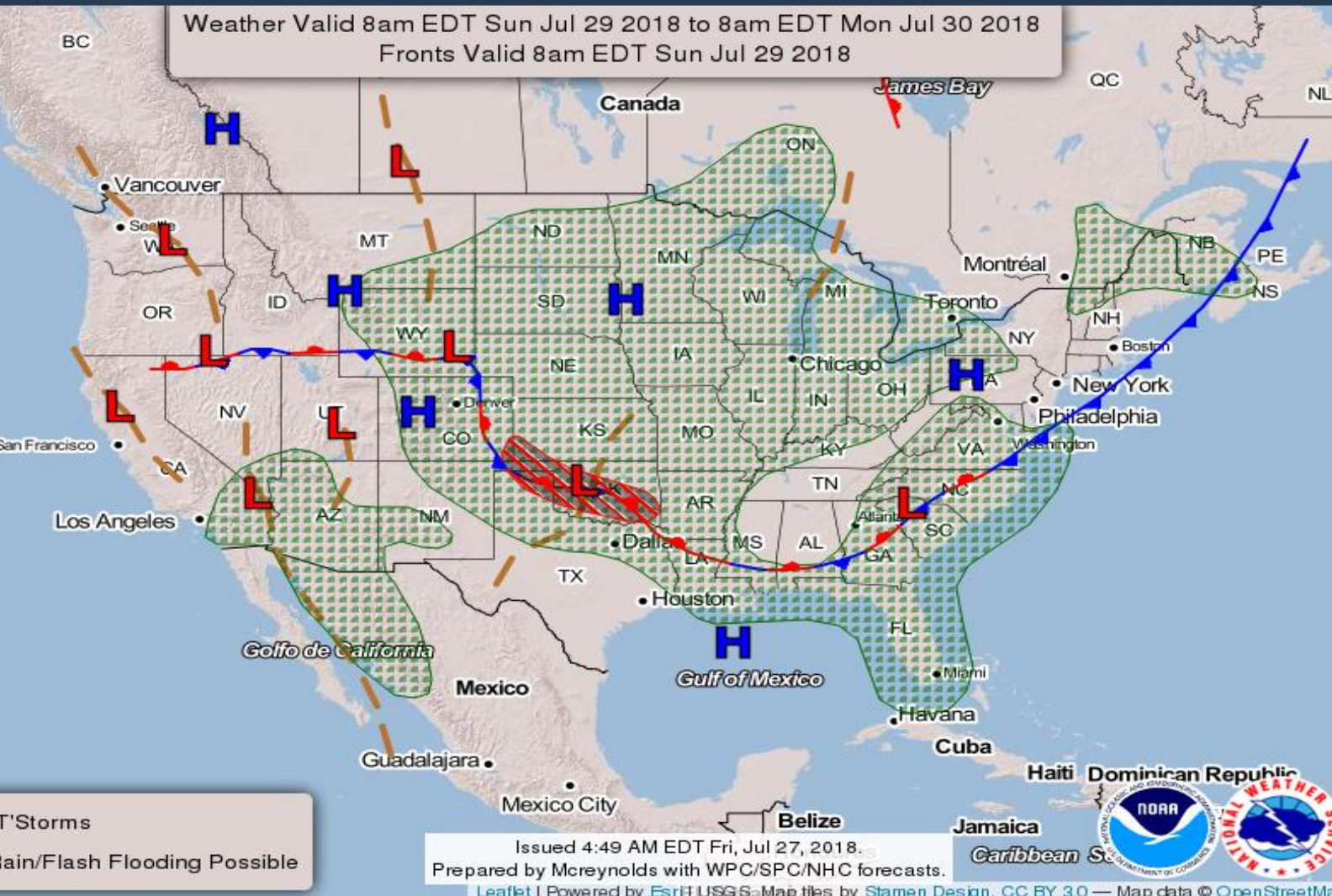
Forecast Rainfall



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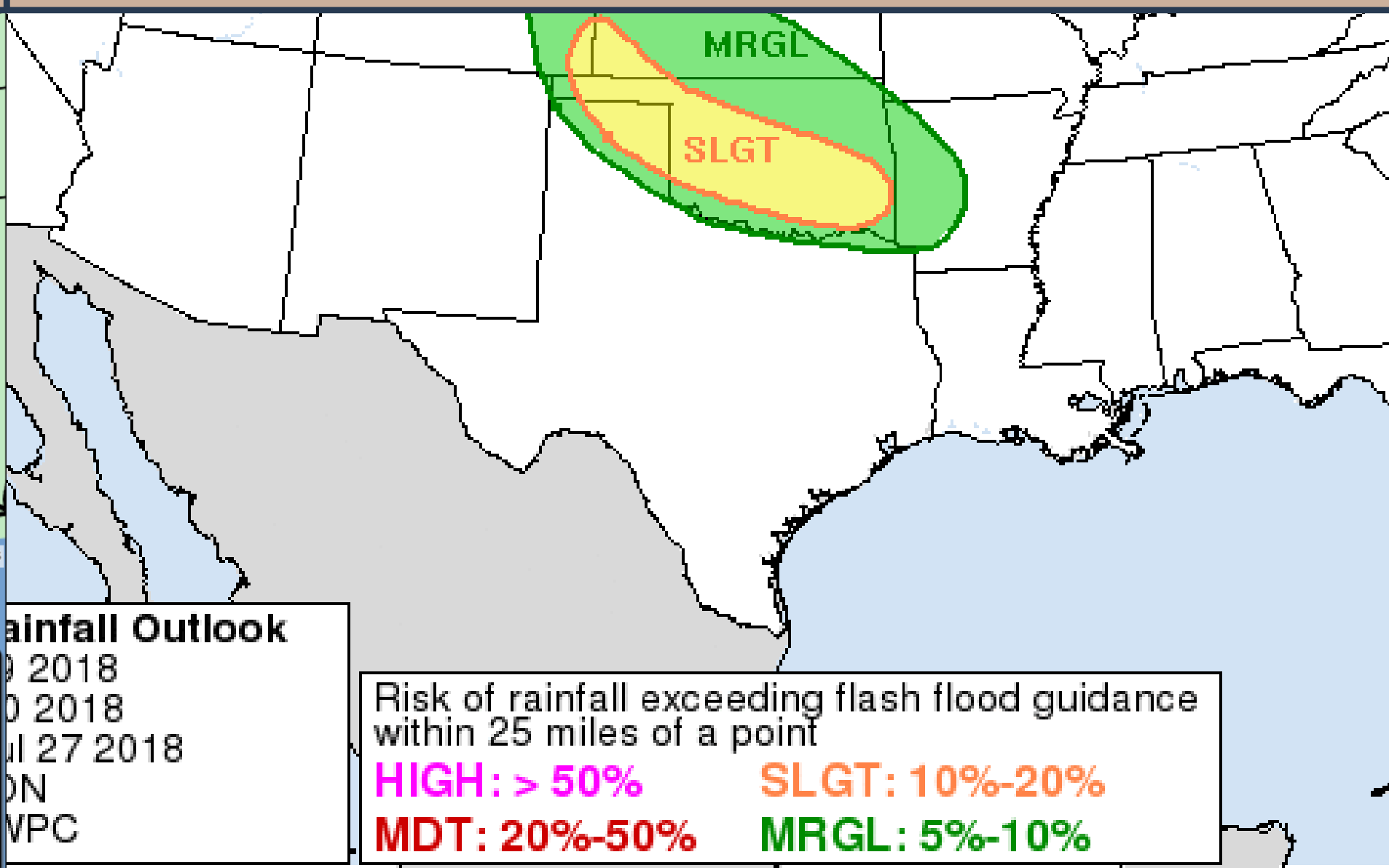
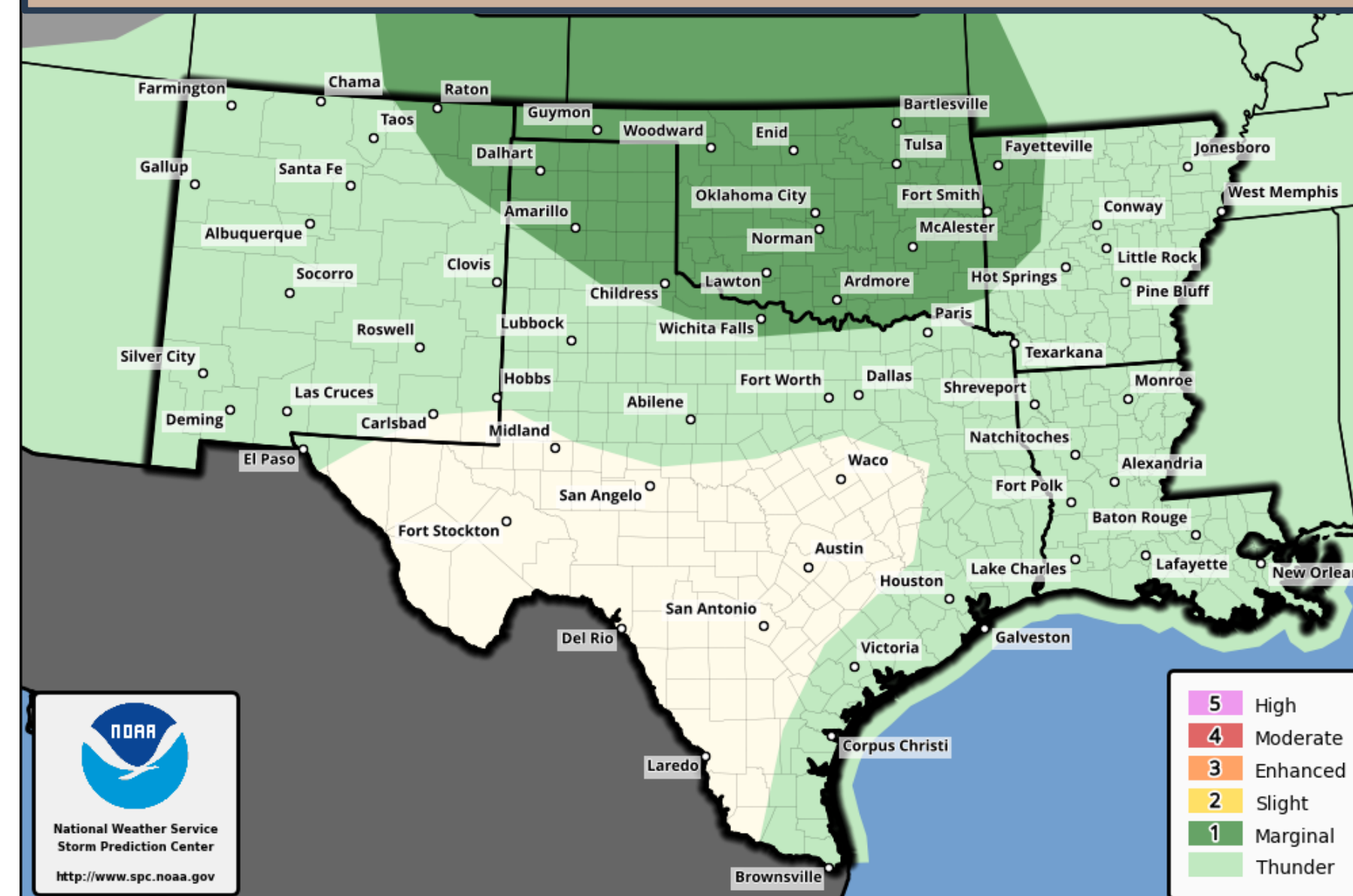
Heavy rain/flash flooding possible over the TX Panhandle and OK.

Isolated strong to severe thunderstorms possible over NE NM, TX Panhandle and OK.



Severe Weather Outlook

Excessive Rainfall Outlook

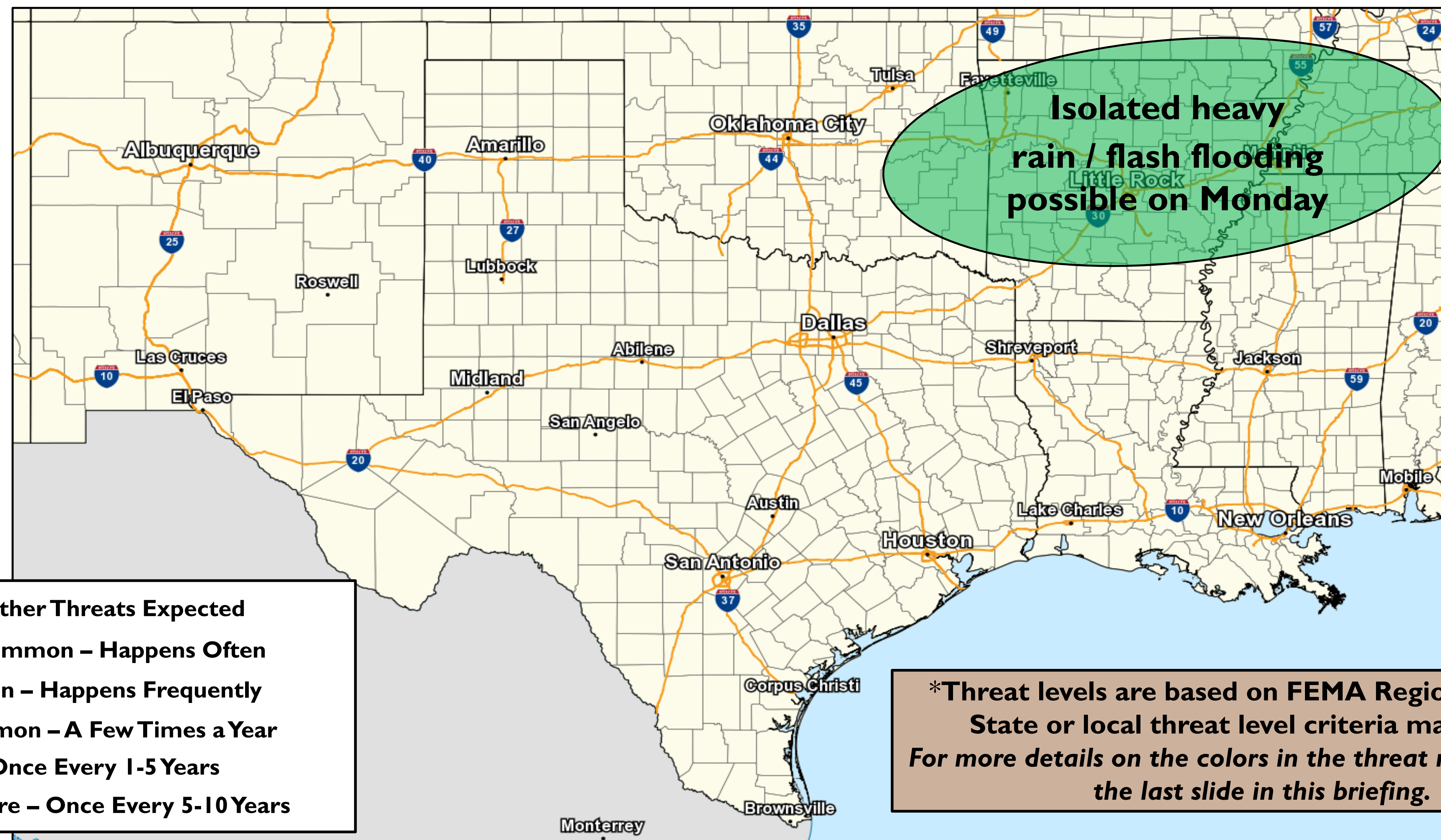


Days 4-5 Weather Hazards

Monday - Tuesday



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***Threat levels are based on FEMA Region 6 criteria.
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For more details on the colors in the threat matrix refer to
the last slide in this briefing.**

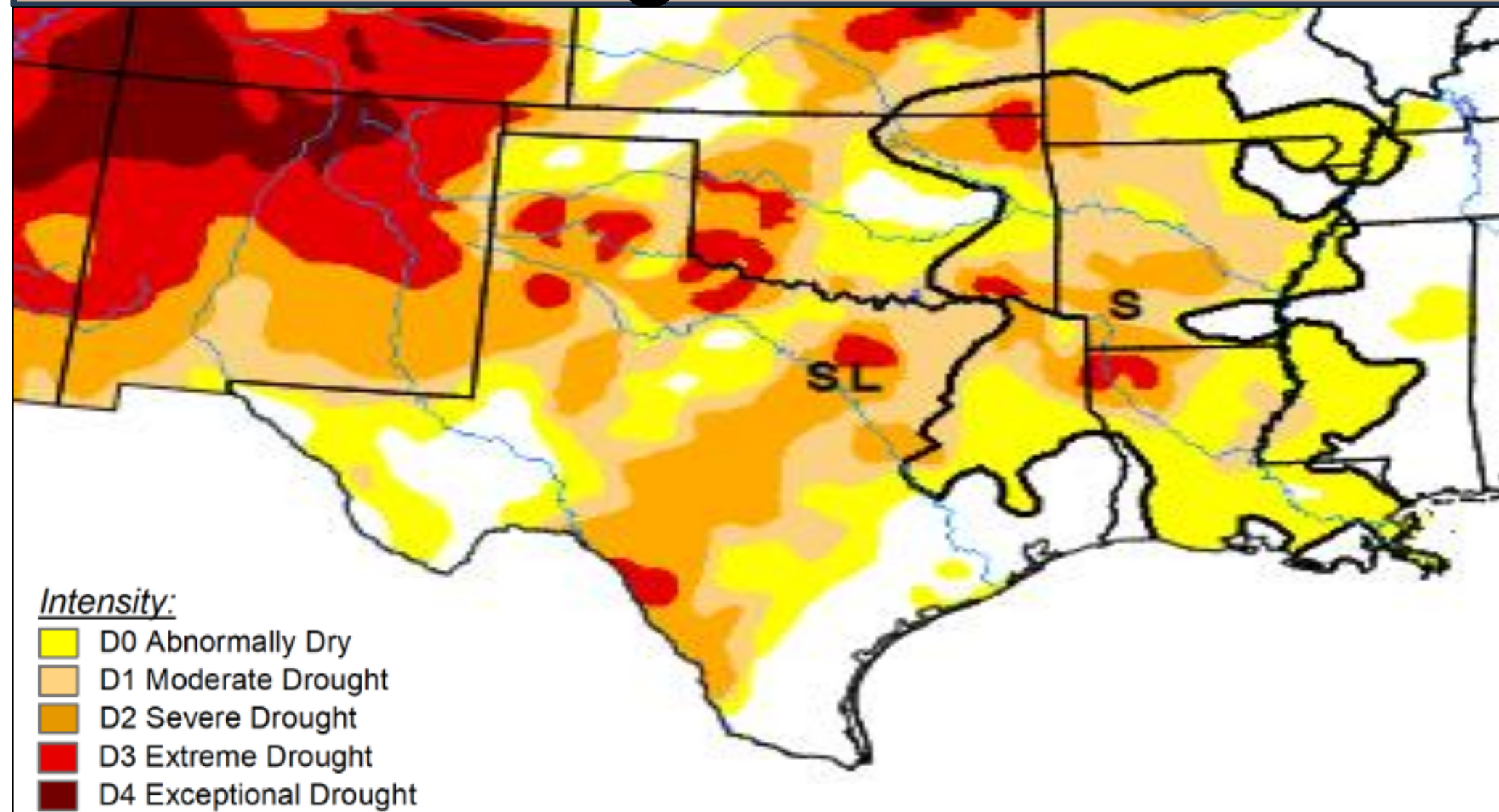
Drought Monitor (Released July 26, 2018)



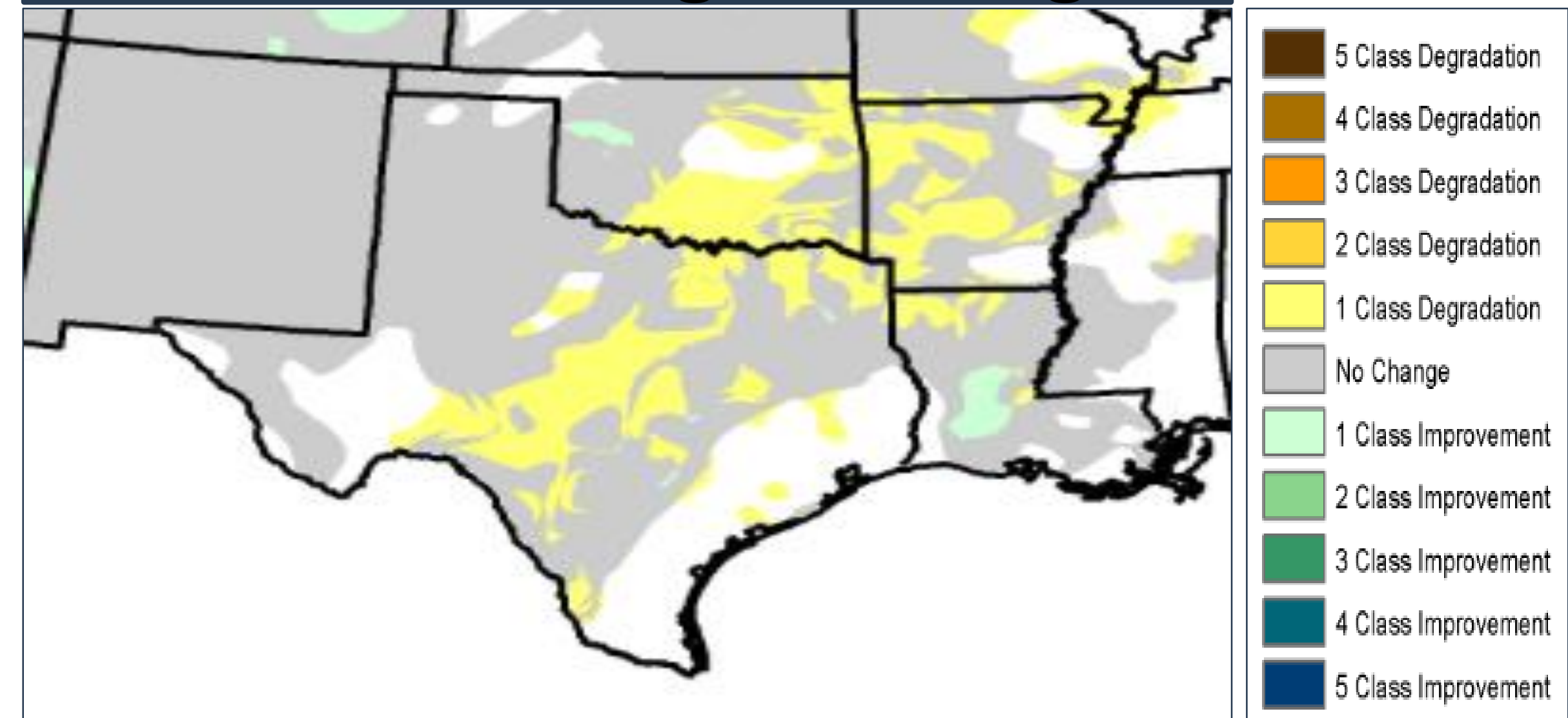
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Data valid as of 7am CDT, Tuesday, July 24, 2018

Drought Monitor



One Week Change in Drought



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

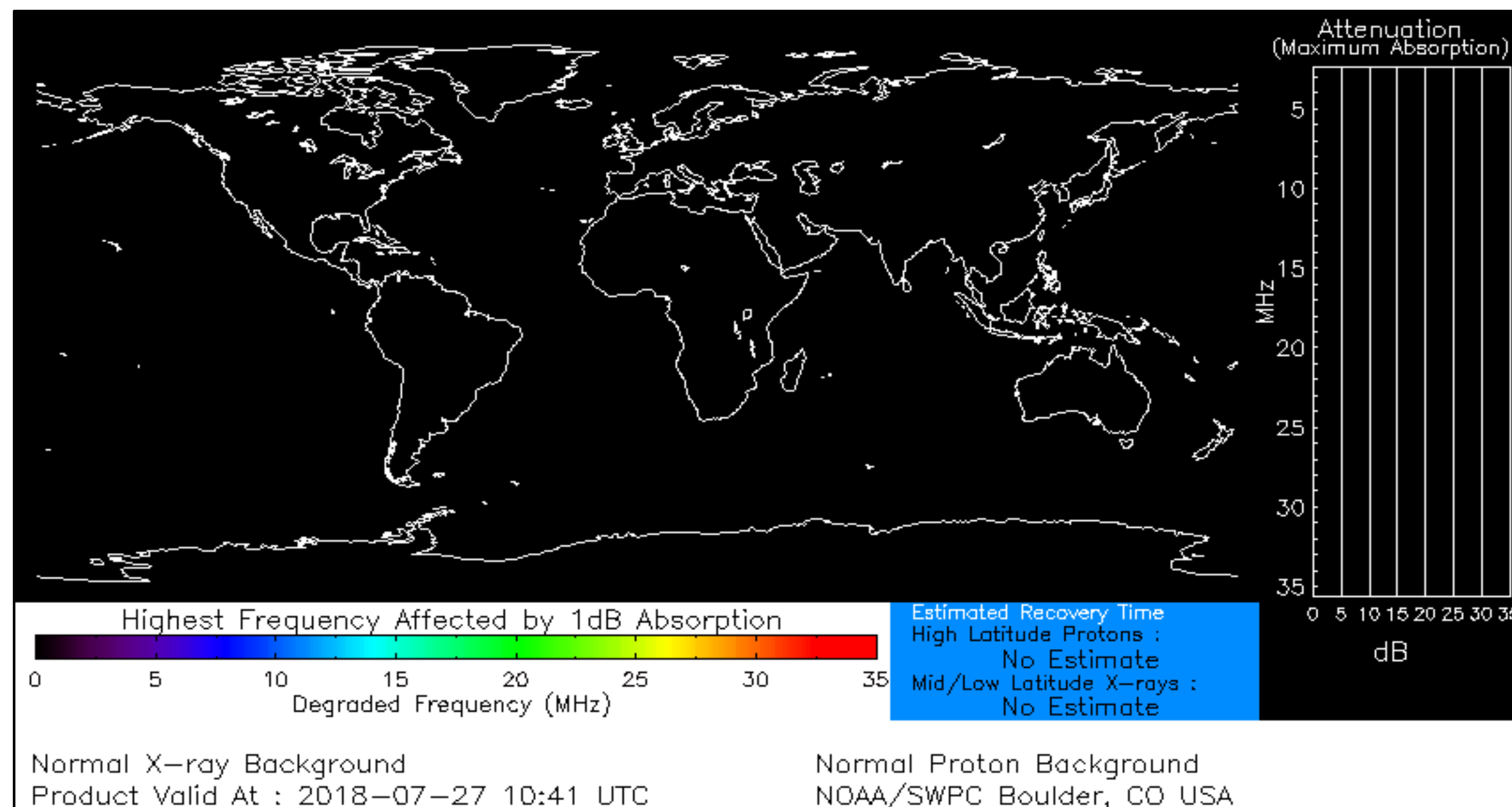
State	Current	Last Week	3 Months Ago	1 Year Ago
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	4.32%	0.00%	0.00%	0.00%
Oklahoma	10.16%	9.04%	34.84%	0.00%
Texas	4.32%	3.38%	14.54%	0.00%
New Mexico	54.97%	55.15%	46.01%	0.00%

Space Weather 3-Day Forecast



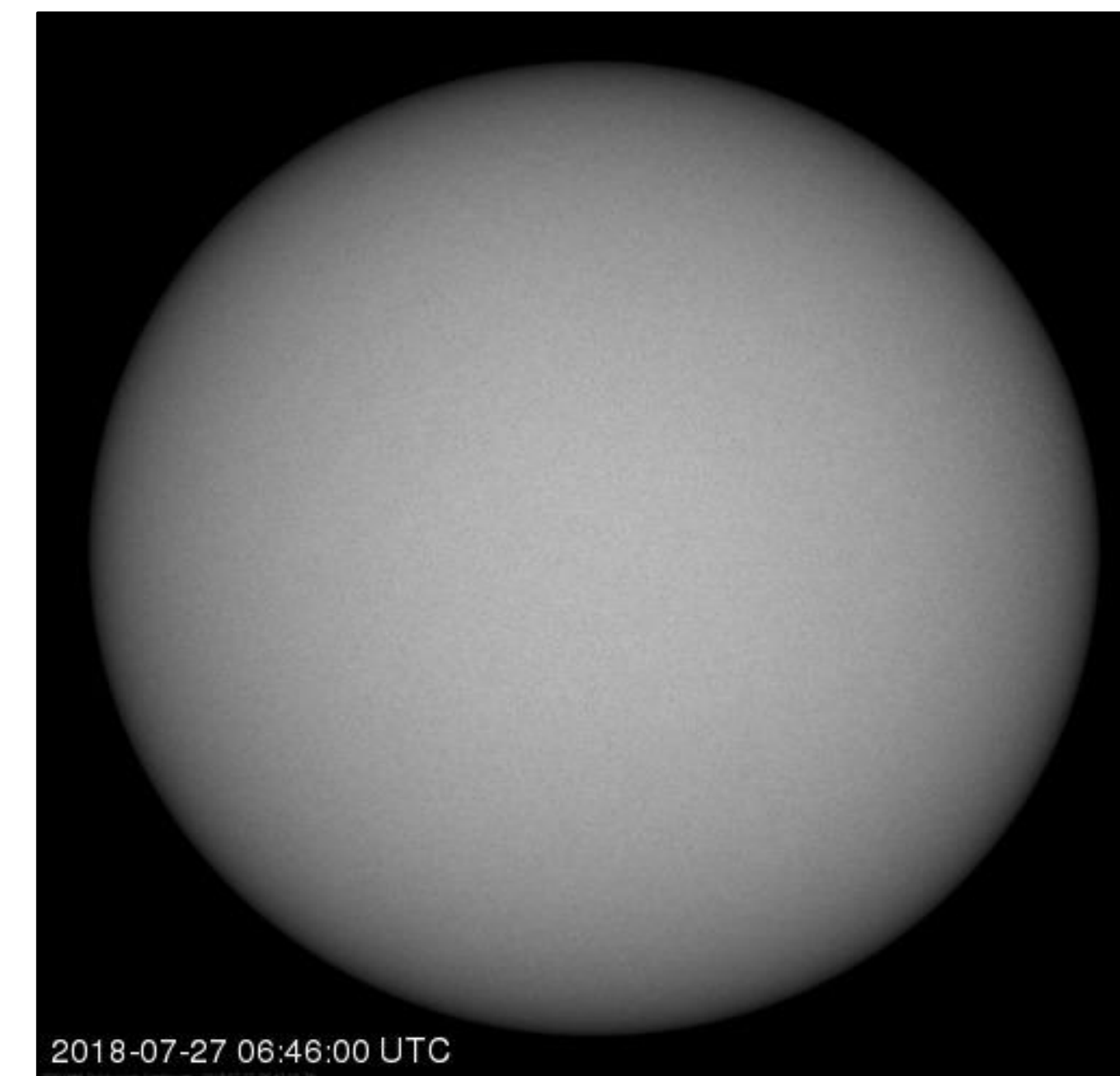
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	Friday	Saturday	Sunday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov